

Please type a plus sign (+) inside this box →

PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted with Initial Filing       Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	24530-009/MXM
First Named Inventor	Toshiharu TAKAYAMA
<b>COMPLETE IF KNOWN</b>	
Application Number	/
Filing Date	Herewith
Group Art Unit	TBA
Examiner Name	TBA

**As a below named inventor, I hereby declare that:**

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Flip-Chip Mounting Electronic Component and Method for Producing the Same, Circuit Board and Method for Producing the Same, Method for Producing Package

the specification of which

*(Title of the Invention)*

is attached hereto

OR

was filed on (MM/DD/YYYY)  as United States Application Number or PCT International

Application Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

Application Number(s)	Filing Date (MM/DD/YYYY)	
		<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → 

## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)				
<input type="checkbox"/> Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.						
As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: <input checked="" type="checkbox"/> Customer Number <b>32137</b> → <input type="checkbox"/> Place Customer Number Bar Code Label here. <b>OR</b> <input type="checkbox"/> Registered practitioner(s) name/registration number listed below						
Name	Registration Number	Name				
<input type="checkbox"/> Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.						
Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number or Bar Code Label <b>32137</b> <input type="checkbox"/> OR <input type="checkbox"/> Correspondence address below						
Name						
Address						
Address						
City	State	ZIP				
Country	Telephone	Fax				
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.						
<b>Name of Sole or First Inventor:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle if any) <b>Toshiharu</b>		Family Name or Surname <b>TAKAYAMA</b>				
Inventor's Signature			Date	<b>Jan. 10, 2005</b>		
Residence: City	State	Nagano	Country	Japan	Citizenship	JP
Post Office Address	c/o Minowa Koa Inc.					
Post Office Address	14016-30, Ooaza Nakaminowa, Minowa-cho, Kamiina-gun					
City	State	Nagano	ZIP	399-4601	Country	Japan
<input type="checkbox"/> Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto						

A S S I G N M E N T

FOR ONE DOLLAR (\$1.00) and other valuable and sufficient consideration, the receipt of which is hereby acknowledged, I

**Toshiharu TAKAYAMA**

being the inventor of certain improvements and invention in

**Flip-Chip Mounting Electronic Component and Method for Producing the Same,  
Circuit Board and Method for Producing the Same, Method for Producing Package**

for which a United States National Phase Patent Application is to be filed, hereby assigns unto

**KOA Corporation,**

a company of Japan having a principal place of business at: 3672 Ooaza Ina, Ina-shi, Nagano 396-0021, Japan, its successors and assigns, the entire right, title and interest in and to said improvements, inventions and said United States Patent Application, and all divisions, continuations, reissues, and extensions thereof; and to all Letters Patent that may be granted thereon; said improvements, inventions and Letters Patent to be held and enjoyed by said Assignee for its own use and behoove and for the use and behoove of its successors and assigns, to the full end of the term for which said Letters Patent or other rights of protection may be granted, as fully and as entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

**AND I COVENANT, AGREE AND WARRANT** that I have a full and unencumbered title to the invention hereby assigned, and I further covenant and agree that I will, at any time upon request, without further compensation, execute and deliver any and all papers or instruments that in the opinion of the Assignee may be necessary or desirable to secure said Assignee the full enjoyment of the rights and properties herein conveyed or intended to be conveyed.

**IN WITNESS WHEREOF**, I have hereunto set our hand and seal:

Date: Jun. 10, 2005

T. Takayama  
**Toshiharu TAKAYAMA**

Date: Jun. 10, 2005

Koichi Minowa  
Witness